

## Supplementary Online Content

Mori C, Temple JR, Browne D, Madigan S. Association of sexting with sexual behaviors and mental health among adolescents: a systematic review and meta-analysis. *JAMA Pediatr*. Published online June 17, 2019. doi:10.1001/jamapediatrics.2019.1658

**eTable 1.** Search Strategy

**eTable 2.** Study Quality Scoring for Each Study Included in the Meta-analysis

**eReferences.**

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable 1. Search Strategy**

<b>Database:</b>	MEDLINE, EMBASE, Web of Science, PsycINFO <1806 to April 2018>
<b>Search Strategy:</b>	
1	((cyber or internet or online) adj6 pornograph*).mp.
2	(sex* adj6 explicit* adj6 (media or image*)).mp.
3	(sext or sexting).mp.
4	(nude adj4 (photo or photos or photograph* or picture*)).mp.
5	(cell adj4 phone* adj8 (photo or photos or photograph* or picture*)).mp.
6	(suggestive adj (image* or photo or photos or photograph* or picture*)).mp.
7	cybersex/
8	1 or 2 or 3 or 4 or 5 or 6 or 7
9	limit 8 to (100 childhood <birth to age 12 yrs> or 180 school age <age 6 to 12 yrs> or 200 adolescence <age 13 to 17 yrs> or 320 young adulthood <age 18 to 29 yrs>)
10	(teen* or adolescen* or youth* or child* or girl* or boy* or "young people" or "high school*" or student*).mp.
11	8 and 10
12	9 or 11
13	limit 12 to yr="2000 - Current"

**eTable 2.** Study Quality Scoring for Each Study Included in the Meta-analysis

<b>Study</b>	<b>Defined Sample</b>	<b>Representative Sample</b>	<b>Controls in Analysis</b>	<b>Predictors Measured</b>	<b>Completion Rate</b>	<b>Demographic Info.</b>	<b>Definition Provided</b>	<b>Sexting Details</b>	<b>Published Study</b>	<b>Total /9</b>
Amoo (2013) <sup>1</sup>	Y	Y	Y	Y	Y	Y	N	N	N	6
Brinkley (2017) <sup>2</sup>	Y	N	Y	Y	Y	Y	Y	N	Y	7
Dake (2012) <sup>3</sup>	Y	Y	Y	Y	Y	Y	N	Y	Y	8
Dowdell (2017) <sup>4</sup>	N	N	N	Y	N	N	N	N	Y	2
Englander (2012) <sup>5</sup>	N	N	N	Y	N	N	N	Y	N	2
Frankel (2018) <sup>5</sup>	Y	Y	Y	Y	Y	Y	Y	N	Y	8
Houck (2014) <sup>7</sup>	Y	N	Y	Y	N	Y	Y	Y	Y	7
Lee (2016) <sup>8</sup>	Y	Y	Y	Y	Y	Y	Y	N	Y	8
MacDonald (2018) <sup>9</sup>	Y	Y	Y	Y	N	Y	Y	N	Y	7
Mark (2014) <sup>10</sup>	N	N	Y	Y	N	N	N	N	N	2
Morelli (2017) <sup>11</sup>	Y	N	Y	Y	N	Y	Y	N	Y	6
Patrick (2015) <sup>12</sup>	Y	Y	Y	Y	Y	Y	Y	Y	Y	9
Rice (2014) <sup>13</sup>	Y	Y	Y	Y	Y	Y	Y	N	Y	8
Rice (2018) <sup>14</sup>	Y	Y	Y	Y	Y	Y	Y	N	Y	8
Romo (2017) <sup>15</sup>	Y	N	Y	Y	Y	Y	N	N	Y	6
Schloms-Madlener (2013) <sup>16</sup>	Y	N	N	Y	Y	Y	Y	Y	N	6
Sevcíková (2016) <sup>17</sup>	Y	Y	Y	Y	Y	Y	Y	N	Y	8

Study	Defined Sample	Representative Sample	Controls in Analysis	Predictors Measured	Completion Rate	Demographic Info.	Definition Provided	Sexting Details	Published Study	Total /9
Speno (2016) <sup>18</sup>	Y	N	Y	Y	N	Y	Y	N	N	5
Temple (2012) <sup>19</sup>	Y	N	N	Y	Y	Y	Y	Y	Y	7
Temple (2014) <sup>20</sup>	Y	N	Y	Y	Y	Y	Y	N	Y	7
Titchen (2018) <sup>21</sup>	Y	N	Y	Y	N	Y	Y	N	Y	6
Tomić (2018) <sup>22</sup>	Y	N	Y	Y	Y	Y	N	N	Y	6
Van Ouytsel (2014) <sup>23</sup>	Y	N	Y	Y	N	Y	Y	N	Y	6
West (2014) <sup>24</sup>	Y	N	Y	Y	Y	Y	Y	N	Y	7
Woodward (2017) <sup>25</sup>	N	Y	Y	Y	Y	Y	Y	Y	Y	8
Ybarra (2014) <sup>26</sup>	Y	Y	Y	Y	Y	Y	Y	Y	Y	9
<b>Total (N = 23)</b>										
Criteria	N (%)		Criteria	N (%)		Criteria	N (%)			
Defined Sample			Predictors Measured			Definition Provided				
Yes	22 (84.6)		Yes	26 (100)		Yes	19 (73.1)			
No	4 (15.4)		No	0 (0)		No	7 (26.9)			
Representativeness			Completion Rate			Sexting Details				
Yes	11 (42.3)		Yes	17 (65.4)		Yes	8 (30.8)			
No	15 (57.7)		No	9 (34.6)		No	18 (69.2)			
Controls in Analysis			Demographic Info			Published Study				
Yes	22 (84.6)		Yes	23 (88.5)		Yes	21 (80.8)			
No	4 (15.4)		No	3 (11.5)		No	5 (19.2)			

Legend: The individual quality score items are summed to generate a total score for each study. Total scores range from 0 to 9. Articles were given a score of 0 ("No") or 1 ("Yes") for each criterion and summed to give a total score out of 9. The classification system used identified studies of low ( $\leq 2$ ), moderate (3-5), or high quality ( $\geq 6$ ). The average study quality score was 6.5. Three studies (11.5%)<sup>4,5,10</sup> fell in the low quality range, 1 study in the moderate (3.8%), and the remaining 22 studies (84.6%) fell in the high quality range. The three studies deemed to have low methodological quality were removed from analyses. Y = Yes; N = No  
For additional information on scoring criteria, refer to eTable 1 in Madigan et al., 2018.<sup>27</sup>

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